

PM J.LFOX

From the INTERNATIONAL SEARCHING AUTHORIT MAR 1 7 2004 DAVID J. LEVY GLAXOSMITHKLINE CORPORATE INTELLECTUAL PROPERTY DEPT. NOTIFICATION OF TRANSMITTAL OF FIVE MORE DRIVE, P.O. BOX 13398 THE INTERNATIONAL SEARCH REPORT RESEARCH TRIANGLE PARK, NC 27709 OR THE DECLARATION (PCT Rule 44.1) Date of Mailing **15** MAR 2004 (day/month/year) Applicant's or agent's file reference PU4806WO FOR FURTHER ACTION See paragraphs 1 and 4 below International filing date International application No. PCT/US03/19211 (day/month/year) 17 June 2003 (17.06.2003) Applicant SMITHKLINE BEECHAN CORPORATION M The applicant is hereby notified that the international search report has been established and is transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. Where? Directly to the International Bureau of WIPO, 34, chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35 For more detailed instructions, see the notes on the accompanying sheet. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. Reminders Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90 bis.1 and 90 bis.3, respectively, before the completion of the technical preparations for international publication. Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site. Authorized officer Name and mailing address of the ISA/US

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
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(See notes on accompanying sheet)



PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

International application No. PCT/US03/19211 17 June 2003 (17.06.2003) (Earliest) Priority Date (day/month/year) 17 June 2002 (17.06.2002) 18 June 2002 (17.06.200	Applicant's or agent's file reference PU4806WO		FUN FUNTHER !		ation of Transmittal of International Search Report T/ISA/220) as well as, where applicable, item 5						
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report. Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filled, unless otherwise indicated under this item. the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international application in written form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. furnished subsequently to this Authority in computer readable form. furnished subsequently to this Authority in computer readable form. the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. Certain claims were found unsearchable (See Box I). Unity of invention is lacking (See Box II). With regard to the title, the text is approved as submitted by the applicant. the text is approved as submitted by the applicant. the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. The figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. None of the figur	* *		International filing date (day/month/year)								
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Form PCT/ISA/210 (first sheet) (July 1998)



INTERNATIONAL SEARCH REPORT

nternational	application	No	_
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PCT/US03/19211

A. CLASSIFICATION OF SUBJECT MATTER								
IPC(7) : CO7D 239/84, 231/56								
US CL: 544/297; 548/362.5 According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols) U.S.: 544/297; 548/362.5								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CAS ONLINE, chemical structure search, chemical reaction search .								
C. DOC	UMENTS CONSIDERED TO BE RELEVANT							
Category *	Citation of document, with indication, where ap	propriate,	of the relevant passages	Relevant to claim No.				
Α	US 6,589,950 B1 (COLLINWOOD et al.) 8 July 20	03 (08.07.	2003), entire document.	1-3				
Α	WO 03/078404 A1 (NOVARTIS AG) 25 September	09.2003), entire document.	1-3					
Α	WO 03/063794 A2 (RIGEL PHARMACEUTICAL entire document.	S, INC.) 7	August 2003 (07.08.2003),	1-3				
	r documents are listed in the continuation of Box C.		See patent family annex.					
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance.		"T"	later document published after the inte date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the ention				
"E" earlier a			document of particular relevance; the considered novel or cannot be consider when the document is taken alone					
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y"						
"O" documen	t referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the	e art				
"P" document published prior to the international filing date but later than the priority date claimed			document member of the same patent	family				
Date of the actual completion of the international search			Date of mailing of the international search report MAR 2004					
13 January 2004 (13.01.2004)			od officer					
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents			Rei-tsang Shiao A. D. R. Yor					
P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230			e No. (703) 308-1235	U				

Form PCT/ISA/210 (second sheet) (July 1998)

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed:
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- 1. [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- 2. [Where originally there were 15 claims and after amendment of all claims there are 11]: "Claims 1 to 15 replaced by amended claims 1 to 11."
- 3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
 - "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]:
 "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under Article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the PCT Applicant's Guide, Volume II.